

Title (en)  
AIRBAG DEVICE FOR FRONT PASSENGER SEAT

Title (de)  
AIRBAGVORRICHTUNG FÜR FRONTPASSAGIERSITZ

Title (fr)  
DISPOSITIF DE COUSSIN DE SÉCURITÉ GONFLABLE POUR SIÈGE PASSAGER

Publication  
**EP 2735480 A4 20140730 (EN)**

Application  
**EP 11869511 A 20110719**

Priority  
JP 2011066376 W 20110719

Abstract (en)  
[origin: EP2735480A1] An airbag device for a front passenger's seat is made compact in a vehicle vertical direction. At an airbag device (10) for a front passenger's seat, due to an inflator (20) being fixed to a front side bottom wall portion (22F) that is formed at a vehicle front side and upper side of a rear side bottom wall portion (22E), the inflator (20) is offset toward the vehicle front side with respect to a central axis (L3) of a case (22). Further, the front side bottom wall portion (22F) is inclined with respect to the rear side bottom wall portion (22E) such that a central axis (L1) of the inflator (20) intersects a normal line (L2) of the rear side bottom wall portion (22E) further toward a vehicle upper side than airbag doors (12, 14), and due thereto, the inflator (20) is tilted. Accordingly, the airbag device (10) for a front passenger's seat can be made to be compact in a vehicle vertical direction as compared with a case in which, for example, the front side bottom wall portion (22F) is parallel to a direction in which the rear side bottom wall portion (22E) extends as shown by a two-dot chain line (L5).

IPC 8 full level  
**B60R 21/205** (2011.01)

CPC (source: EP US)  
**B60R 21/205** (2013.01 - EP US); **B60R 21/237** (2013.01 - EP US); **B60R 21/2644** (2013.01 - EP US); **B60R 2021/2648** (2013.01 - EP US)

Citation (search report)  
• [A] FR 2782302 A1 20000218 - SOMMER ALLIBERT LIGNOTOCK [DE]  
• [A] US 2011148077 A1 20110623 - ENDERS MARK L [US]  
• [A] US 2008100041 A1 20080501 - KIM DONG EUN [KR], et al  
• See references of WO 2013011564A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2735480 A1 20140528**; **EP 2735480 A4 20140730**; **EP 2735480 B1 20150325**; CN 103038103 A 20130410; CN 103038103 B 20140108; JP 5327383 B2 20131030; JP WO2013011564 A1 20150223; US 2014210189 A1 20140731; US 8820778 B2 20140902; WO 2013011564 A1 20130124

DOCDB simple family (application)  
**EP 11869511 A 20110719**; CN 201180036727 A 20110719; JP 2011066376 W 20110719; JP 2012516256 A 20110719; US 201113809461 A 20110719